

## ❖ Identify the Problem.

- Examine the problem in terms of AOI by demonstrating your understanding of how the AOI relates to the design problem.
- What is the 'big picture'?
  - Include an explanation comparing and contrasting a healthy and unhealthy environments (ex. Bedrooms, kitchen)
  - Include an explanation comparing and contrasting a healthy and unhealthy home designs
  - Investigate why people these days prefer to live a healthy type of environment
- What is the **need**? Is there a problem that needs solving? What is the purpose for this design task?

## ❖ Write a Design Brief.

- (A general statement of what you are going to make, why you are going to make it and who it is for.)
- You need to research into the task and how you can solve it. Looking at similar products for inspiration:
- ✓ How did others solve this problem?
- ✓ Analysis should include; materials used, ergonomics, aesthetics, form and function and what design idea could you perhaps use. What materials are best to use?

## ❖ Research

- Write guiding questions to help you decide what you need to find out.
- How can you make it?
- What skills do you need to know?
- What tools do you need?
- A thinking tools to help decide things like; themes, needs, likes/dislikes

## ❖ **Resources** should be documented following the **MLA format**. **Include screenshot and or summary** Each source is evaluated whether it is:

- Reliable?
- Useful?
- Complete information?

## ❖ **Formulate a Design Specification**

- A list of requirements that **your design/ product** should have. Select the most important information from your research (ex. Floor plan area, quality of lay-out, etc..)
- Include teacher design specifications posted in the wiki.

## ❖ Describe how you could **test** your design.

- Surveys & Questionnaires

- ✓ Who is this for? (Demographic)
- ✓ What do other people think/like/want?

- Interviews

- ✓ Ask an expert?
- ✓ Interview your intended user

